

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims in the application:

1 - 43. (Canceled)

44. (Currently Amended) A method for securely transmitting a ~~security~~ code ~~from~~ between a client to a server, comprising the steps of:

~~establishing a connection between the client and the server;~~

(a) receiving from a server a keypad entry image including a plurality key elements in a pseudo-random arrangement and displaying said keypad entry image to a user;

(b) detecting selection by the user of one of the key elements ~~multiple points in a graphical image including a number of elements displayed at the client, each of the multiple points-associated with a portion of the security code, the number of elements being repositioned in a different configuration after each selection of each portion of the security code and~~ determining at least one coordinate representing the location of said selected key element within said keypad entry image; and

~~(c) transmitting, after each selection of each of each portion of the security code, coordinates associated with a portion of the security code that was selected from the client~~ the at least one coordinate of said selected key element to the server over the connection; and

(d) repeating steps (a) through (c) until it is determined that said selected key element is associated with a completion code.

45. (Cancelled)

46. (Currently Amended) The method of claim 44 wherein the ~~security~~ code ~~includes~~ comprises a variable length security code.

47. (Cancelled)

48. (Currently Amended) The method of claim 44 wherein the ~~security~~ code comprises a PIN.

49. (Cancelled)

50. (Cancelled)

51. (Currently Amended) The method of claim 44, wherein the at least one ~~coordinates~~ coordinate ~~correspond~~ corresponds to a cursor position generated by said user selection.

52. (Currently Amended) The method of claim 44 further comprising the step of receiving a confirmation of an authentication of ~~a user at the client based on~~ the security code, after it is determined that said selected key element is associated with a completion code.

53. (Currently Amended) The method of claim 44, wherein the key elements ~~of the graphical image are~~ comprise alpha-numeric characters.

54. (Currently Amended) A method for securely transmitting a ~~security~~ code between a client ~~to and~~ a server, comprising the steps of:

~~establishing a connection between the client and the server;~~

(a) generating a keypad entry image including a plurality key elements in a pseudo-random arrangement and transmitting said keypad entry image to a client device for display to a user;

~~detecting selection of multiple points in a graphical image including a number of elements displayed at the client, each of the multiple points associated with a portion of the security code, the number of elements being repositioned in a different configuration after each selection of each portion of the security code;~~

~~transmitting after each selection of each of the portion of the security code coordinates associated with a portion of the security code that was selected from the client to the server over the connection;~~

(b) receiving from said client device at least one coordinate representing the location of a key element within said keypad entry image as selected by the user, said selected key element associated with a portion of the code;

(c) processing the ~~at least one coordinates~~ coordinate received after each selection of each of the portions of the security code to determine the portion of the security code associated with the ~~coordinates~~ selected key element; and

(d) repeating steps (a) through (c) until it is determined that said selected key element is associated with a completion code; and

in response to the determination that said selected key element is associated with the completion code, combining each determined portion of the code to construct the code and validating the security code upon receiving all portions of the security code.

55. (Cancelled)

56. (Cancelled)

57. (Currently Amended) The method of claim 54 wherein the security code ~~includes~~ comprises a variable length security code.

58. (Cancelled)

59. (Currently Amended) The method of claim 54 wherein the security code comprises a PIN.

60. (Cancelled)

61. (Cancelled)

62. (Currently Amended) The method of claim 54 wherein the at least one coordinates ~~coordinate correspond~~ corresponds to a cursor position.

63. (Currently Amended) The method of claim 54 further comprising the step of authenticating a the user based on the validation of the ~~security~~ code.

64. (Currently Amended) The method of claim 54, wherein the key elements ~~of the graphical image~~ are comprise alpha-numeric characters.

65 - 70. (Cancelled)

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